

NEBRASKA WEATHER & CROPS

For Week Ending October 3, 1993

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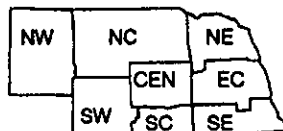
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Lincoln, NE 68501

National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admin.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
and Natural Resources-UN-L

WEATHER

Temperatures for the week averaged from three degrees below normal in the east central to two degrees above normal in the north central. Only trace amounts of precipitation occurred across most of the State except in the west where they reported less than a tenth of an inch.

GENERAL

Drier temperatures and limited rainfall last week allowed increased fieldwork and hastened crop maturity, according to the Nebraska Agricultural Statistics Service. Fieldwork activities included wheat seeding and reseeding, cutting silage, and some harvesting of row crops. Other producer activities included moving old crop grain and other pre-harvest preparations, and moving hay for winter feeding.

CROPS

All corn condition was rated at 5% poor, 23% fair, 67% good, and 5% excellent. Dryland fields were rated at 77% good or excellent. Irrigated fields were rated at 71% good or excellent. Drier weather and nearer to normal temperatures pushed maturity last week. At week's end, 79% of the crop had reached maturity. This remained behind the five-year average of 91%. Silage harvest was nearing completion with grain harvest making a start in several locations across the State.

Soybean condition was rated at 25% fair, 68% good, and 7% excellent. Harvest made excellent progress last week with the favorable harvest weather. As of

CROPS (Cont.)

Sunday, the crop was 15% combined, and compares with 29% last year and 37% for the five-year average.

Sorghum condition was rated at 8% poor, 40% fair, 51% good, and 1% excellent. The crop remained well behind normal with 47% mature to date compared to 81% average. Areas that have not had a killing freeze to date could use more growing degree days for the immature plants. Harvest for grain has begun in a few areas. Cane harvest continued.

Dry bean condition was rated at 9% very poor, 27% poor, 27% fair, 32% good, and 5% excellent. Harvest moved along quite well last week with 70% complete by week's end. Weather conditions and diseases related to weather during the growing season stressed crops sufficiently to have a downward affect on quality and quantity of beans taken from affected fields. Early sugar beet harvest also made good progress.

Winter wheat seeding made excellent progress last week and as of Sunday, 90% had been sown, the same as the five-year average. Of the acres sown, 70% has emerged. Reseeding activities continued in rainfall damaged fields.

Alfalfa condition was rated at 18% fair, 76% good, and 6% excellent. Fourth cutting activities also made good progress with 41% complete.

LIVESTOCK

Pasture and range condition was rated at 101% of normal and compares with 97% of normal last year at this time. Pastures continued to provide more adequate forage in most areas. Producers were weaning and working calves. Yearlings were being moved to market or feedlots.

FIELD WORK PROGRESS AS OF OCTOBER 3, 1993	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn mature	68	51	80	67	85	77	94	87	79	34	73	91
% corn harvested	0	2	4	4	5	2	4	5	4	1	5	23
% sorghum turning color	0	86	100	100	94	97	97	86	90	85	93	98
% sorghum mature	0	41	59	54	52	31	48	45	47	20	36	81
% sorghum harvested	0	3	12	0	1	0	0	0	1	0	5	26
% soybeans dropping leaves	0	82	99	100	94	100	100	98	97	51	89	93
% soybeans harvested	0	9	11	6	22	31	15	9	15	0	29	37
% dry beans harvested	59	96	85	93	0	100	100	0	70	40	n/a	n/a
% alfalfa fourth cutting	10	53	31	67	31	46	69	56	41	28	n/a	n/a
% wheat sown	100	100	80	90	89	100	85	51	90	70	95	90
% wheat emerged	93	92	51	79	54	59	50	24	65	0	76	63
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF OCTOBER 1, 1993												
Days suitable	7.0	7.0	6.9	6.9	5.7	6.2	6.2	3.9	6.0	2.6	6.7	
Topsoil moisture - Short	13	13	0	0	6	25	0	0	5	0	38	
(Percent) - Adequate	87	87	100	100	83	75	100	92	91	50	61	
- Surplus	0	0	0	0	11	0	0	8	4	50	1	
Subsoil moisture - Short	0	13	0	0	0	0	0	0	1	0	6	
(Percent) - Adequate	100	74	85	100	94	100	100	85	92	72	90	
- Surplus	0	13	15	0	6	0	0	15	7	28	4	

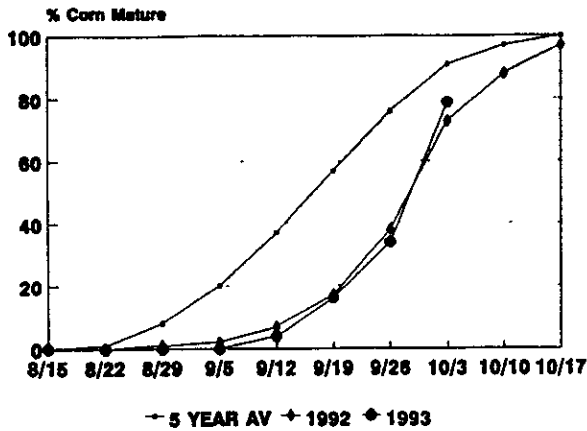
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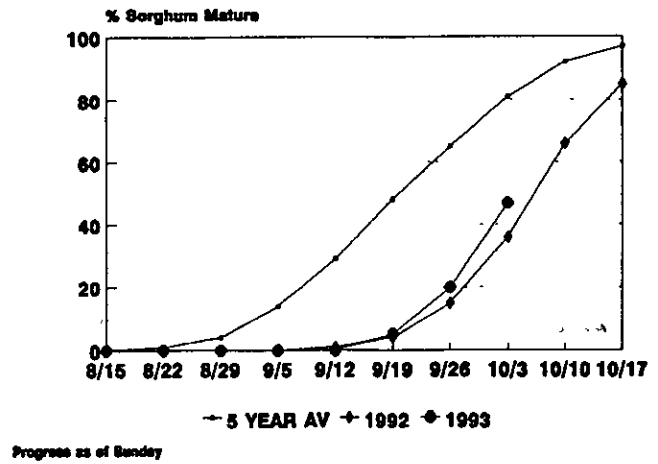
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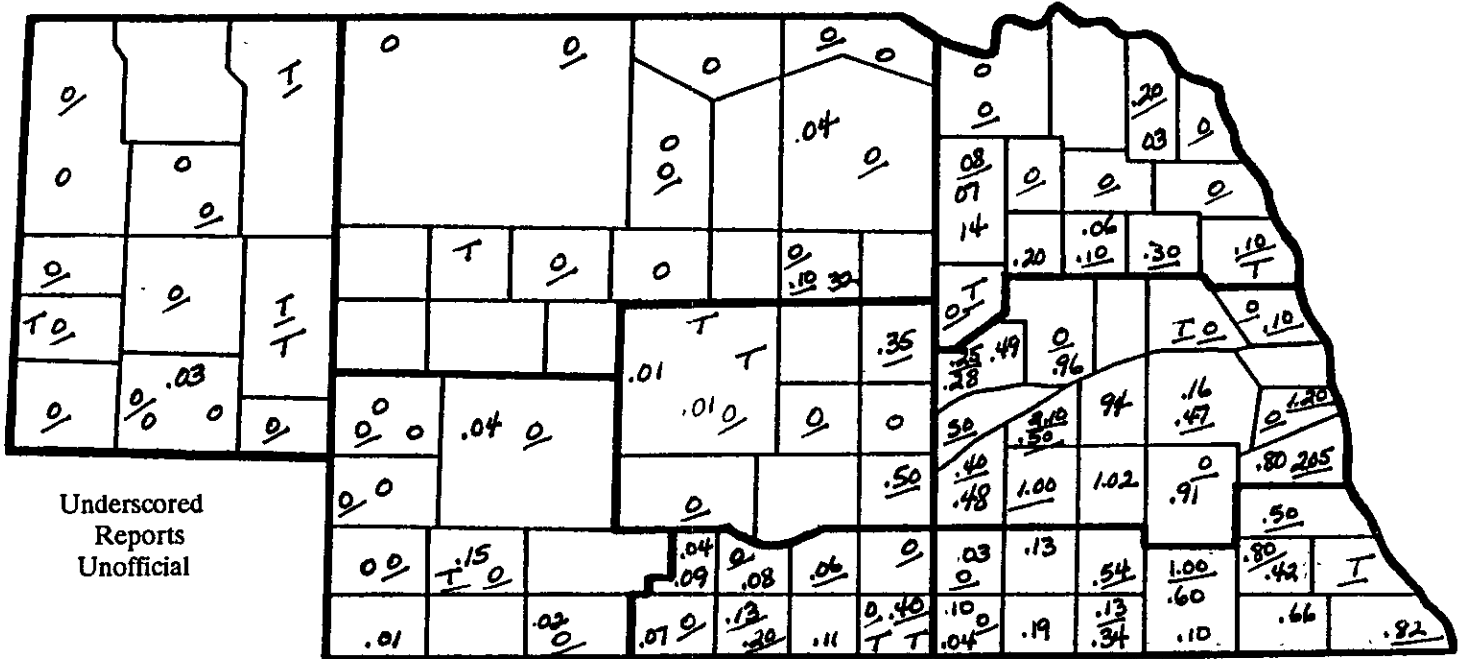
CORN MATURE



SORGHUM MATURE



PRECIPITATION MAP FOR WEEK ENDING FRIDAY, OCTOBER 1, 1993



PRECIPITATION, APRIL 1 - OCTOBER 1, 1993

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week01	.05	.07	.01	.67	.03	.06	.26
Total since April 1	14.60	22.43	28.73	25.98	33.77	20.69	30.81	36.33
Normal since April 1	13.19	16.41	19.22	17.97	21.05	14.97	18.40	22.33
Total as % of normal	111%	137%	149%	145%	160%	138%	167%	163%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, OCTOBER 3, 1993

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	83	34	56	---	.03	---	---	---
	Scottsbluff	85	33	56	0	.07	---	---	---
	Sidney	85	38	58	---	0	2234	2317	2518
NC	Valentine	82	30	57	+2	0	---	---	---
NE	Norfolk	82	36	57	-1	T	---	---	---
	Sioux City	81	32	55	-3	T	---	---	---
	Concord	---	---	---	---	---	2429	2497	2902
	Elgin	---	---	---	---	---	2397	2468	2840
CEN	West Point*	---	---	---	---	---	2604	2675	2978
	Grand Island	82	34	59	+1	.01	---	---	---
	Ord	86	29	57	---	0	2474	2555	2845
EC	Lincoln	79	37	58	-2	T	---	---	---
	Omaha	78	35	57	-3	T	---	---	---
SW	Imperial	89	33	59	---	0	---	---	---
	North Platte	88	30	57	+1	.05	**2359	**2446	**2799
SC	Holdrege	---	---	---	---	---	2663	2750	3046
SE	Beatrice	---	---	---	---	---	2862	2937	3164
	Clay Center	---	---	---	---	---	2700	2779	3115

1/ Precipitation totals not included in map above. * Automated weather station. ** North Platte Experiment Station.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.